

## CLAIMS

1. A method for managing resources for an active computing environment comprising:  
encapsulating said active computing environment;  
promoting said active computing environment to a first class object status;  
performing a resource management operation on said first class object.
2. The method of claim 1 wherein said resource management operation comprises a guaranteed share of resources.
3. The method of claim 1 wherein said resource management operation comprises a resource management algorithm.
4. The method of claim 1 wherein said resource management operation comprises a restriction of network access on said first class object.
5. The method of claim 1 wherein said resource management operation comprises a restriction of access to a local file system on said first class object.
6. The method of claim 1 wherein said resource management operation comprises a user-level control.

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7. The method of claim 6 wherein said user-level control comprises:  
dividing a resource between one or more members of said active computing environment.
8. A resource manager comprising:  
an active computing environment;  
a first class object configured to be obtained by promoting said active computing environment; and  
a resource manager configured to perform an operation on said first class object.
9. The resource manager of claim 8 wherein said resource manager assigns a guaranteed share of resources to said first class object.
10. The resource manager of claim 8 wherein said resource manager applies a resource management algorithm to said first class object.
11. The resource manager of claim 8 wherein said resource manager imposes a restriction of network access on said first class object.
12. The resource manager of claim 8 wherein said resource manager imposes a restriction of access to a local file system on said first class object.
13. The resource manager of claim 8 wherein said resource manager has a user-level controller.

14. The resource manager of claim 13 wherein said user-level controller comprises:  
a resource divider configured to divide a resource between one or more members of said active computing environment.

15. A computer program product comprising:  
a computer usable medium having computer readable program code embodied therein configured to manage resources with respect to an active computing environment, said computer program product comprising:

computer readable code configured to cause a computer to encapsulate said active computing environment;

computer readable code configured to cause a computer to promote said active computing environment to a first class object status;

computer readable code configured to cause a computer to perform a resource management operation on said first class object.

16. The computer program product of claim 15 wherein said computer readable code configured to cause a computer to perform a resource management operation comprises a guaranteed share of resources.

17. The computer program product of claim 15 wherein said computer readable code configured to cause a computer to perform a resource management operation comprises a resource management algorithm.

18. The computer program product of claim 15 wherein said computer readable code configured to cause a computer to perform a resource management operation comprises a restriction of network access on said first class object.

19. The computer program product of claim 15 wherein said computer readable code configured to cause a computer to perform a resource management operation comprises a restriction of access to a local file system on said first class object.

20. The computer program product of claim 15 wherein said computer readable code configured to cause a computer to perform a resource management operation comprises a user-level control.

21. The computer program product of claim 20 wherein said user-level control comprises:

computer readable code configured to cause a computer to divide a resource between one or more members of said active computing environment.

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